

FIG. 1

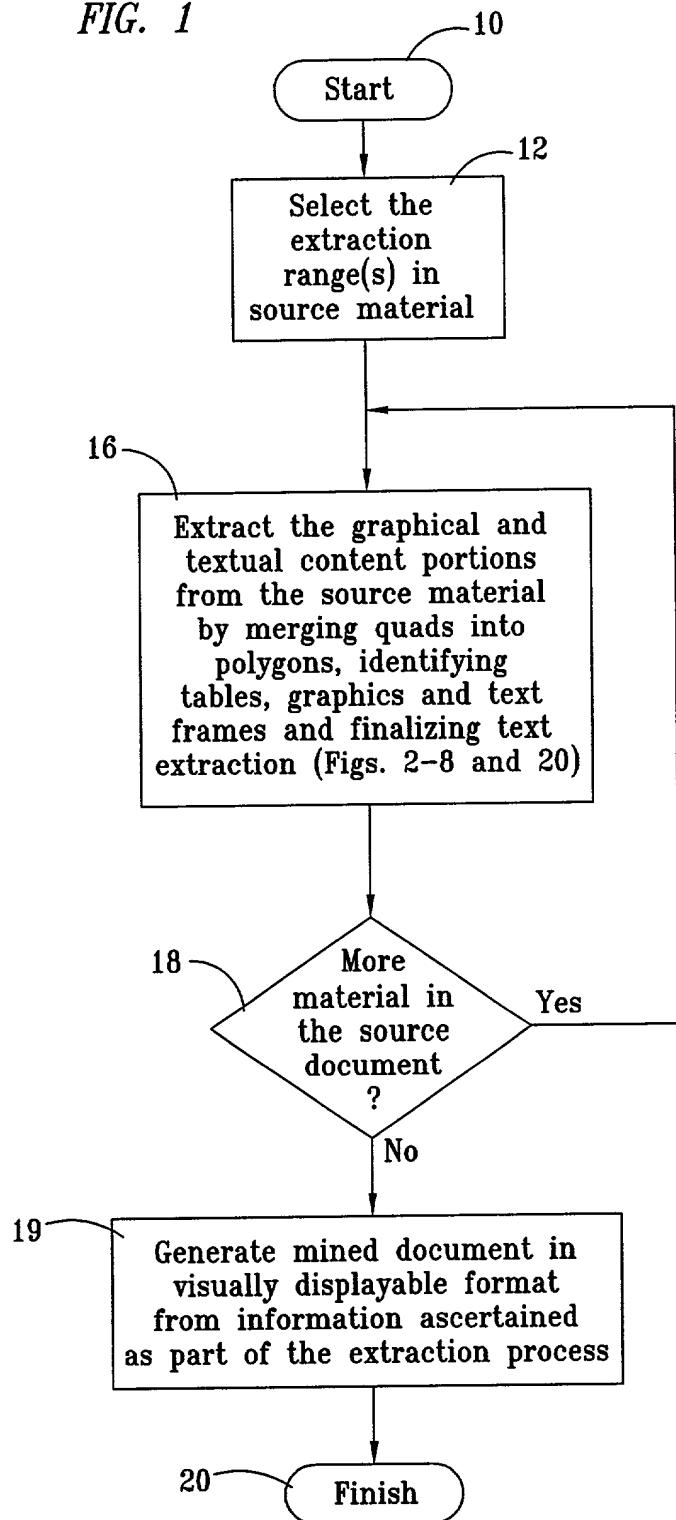


FIG. 2

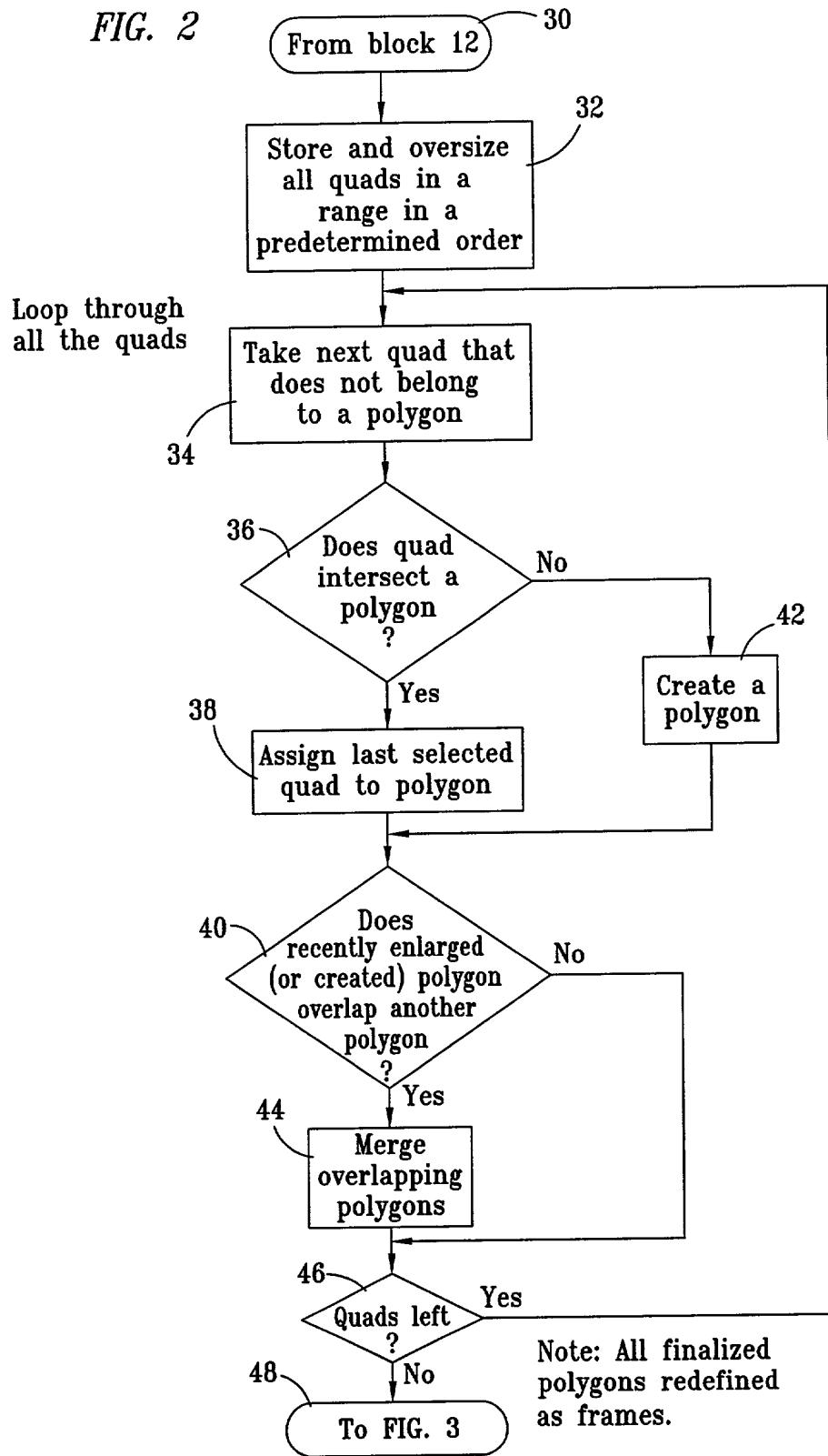


FIG. 3

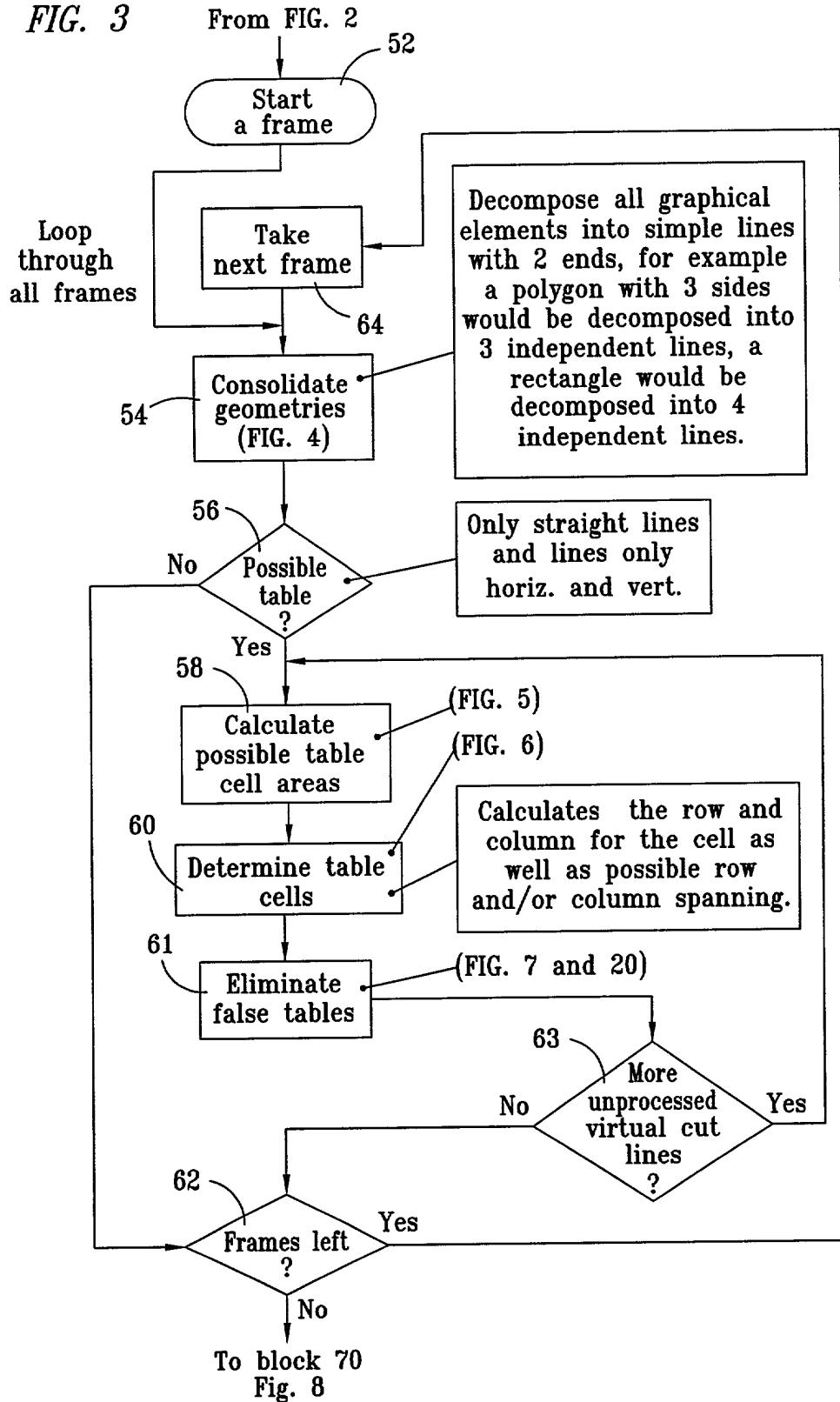


FIG. 4 From block  
52 or 64

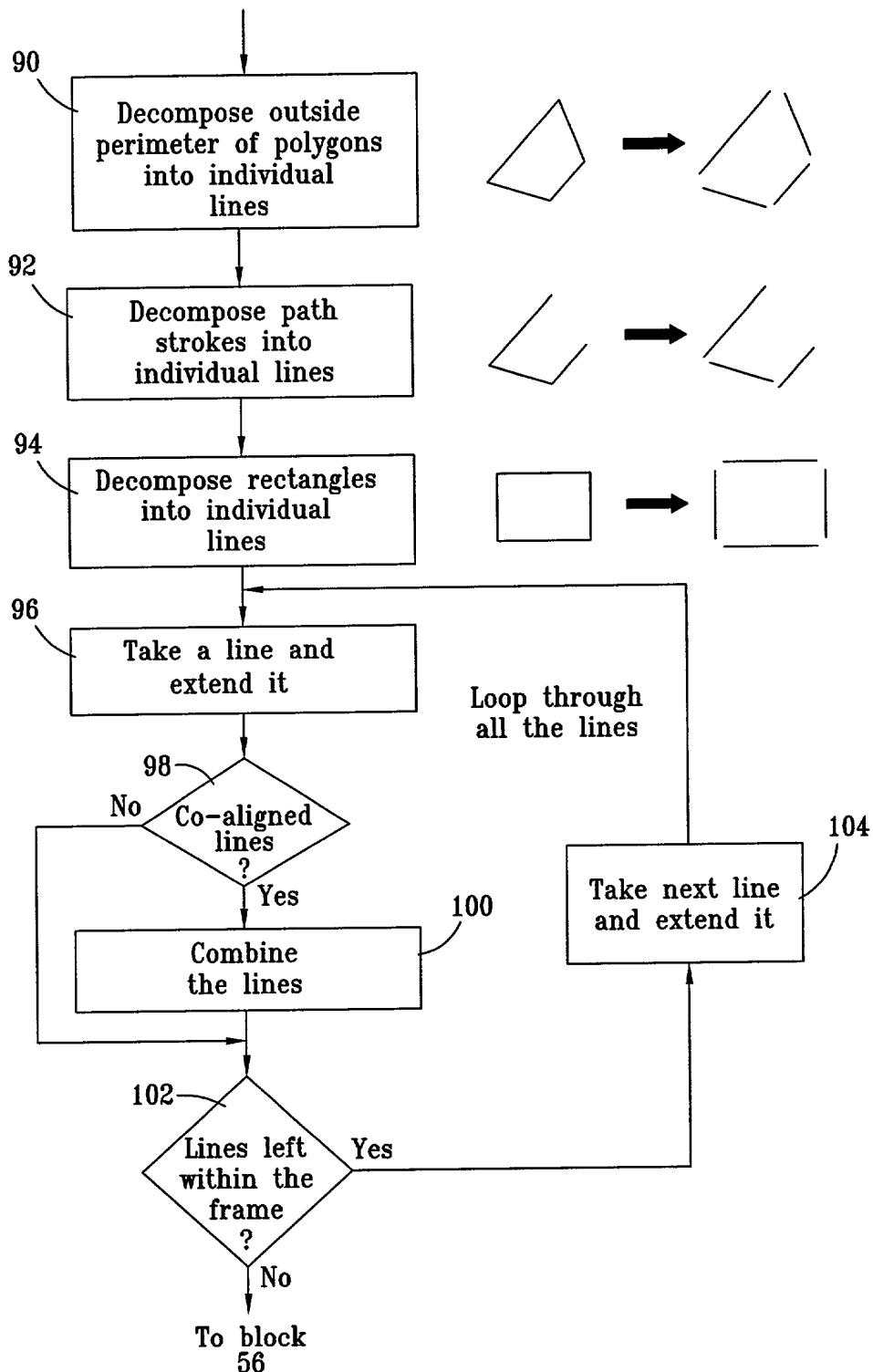


FIG. 5

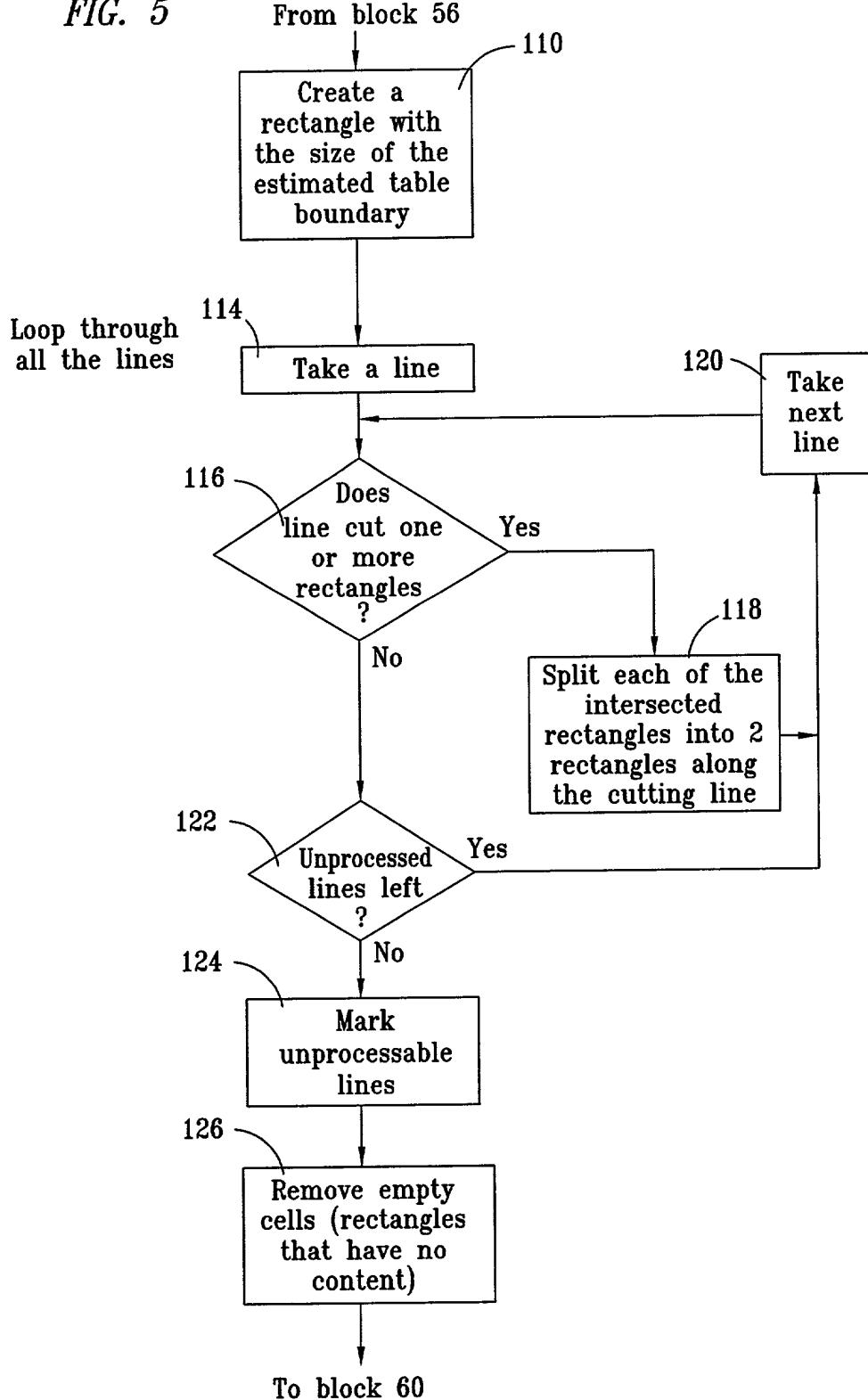


FIG. 6

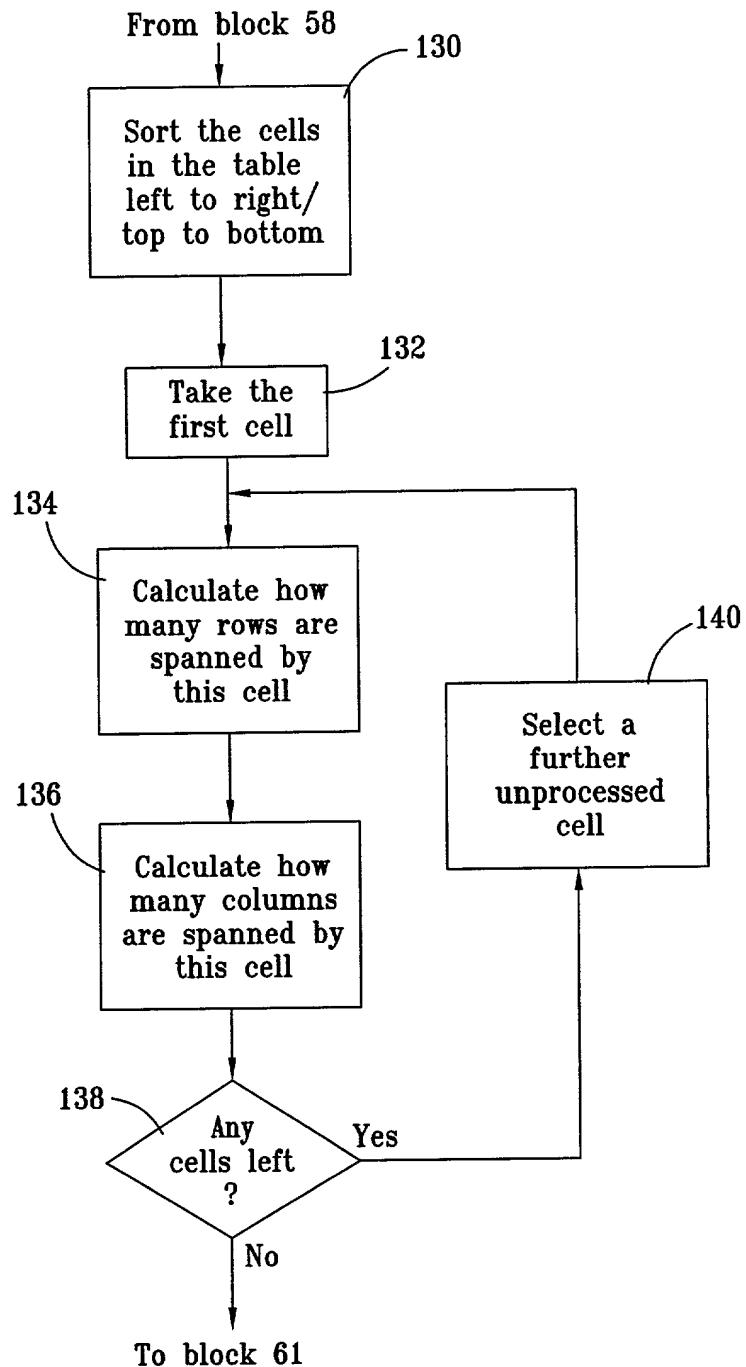


FIG. 7 From block 60

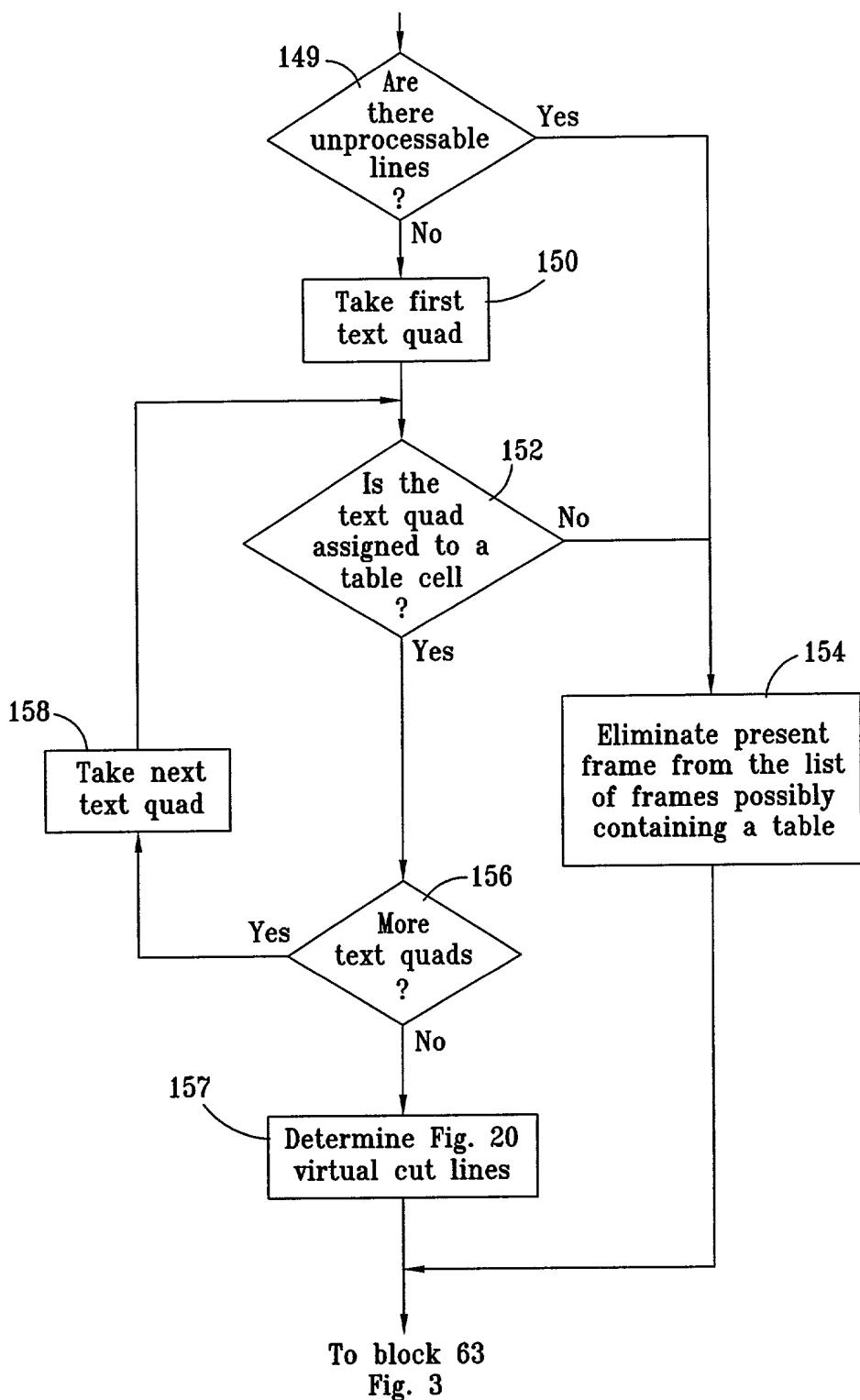


FIG. 8

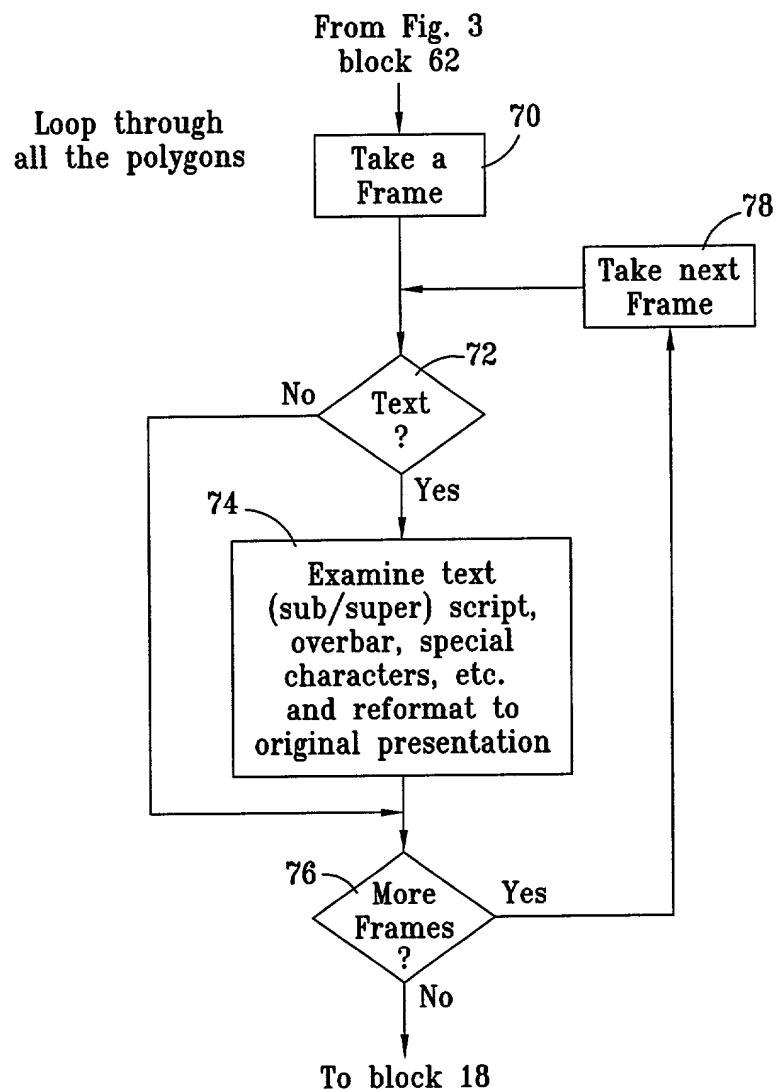
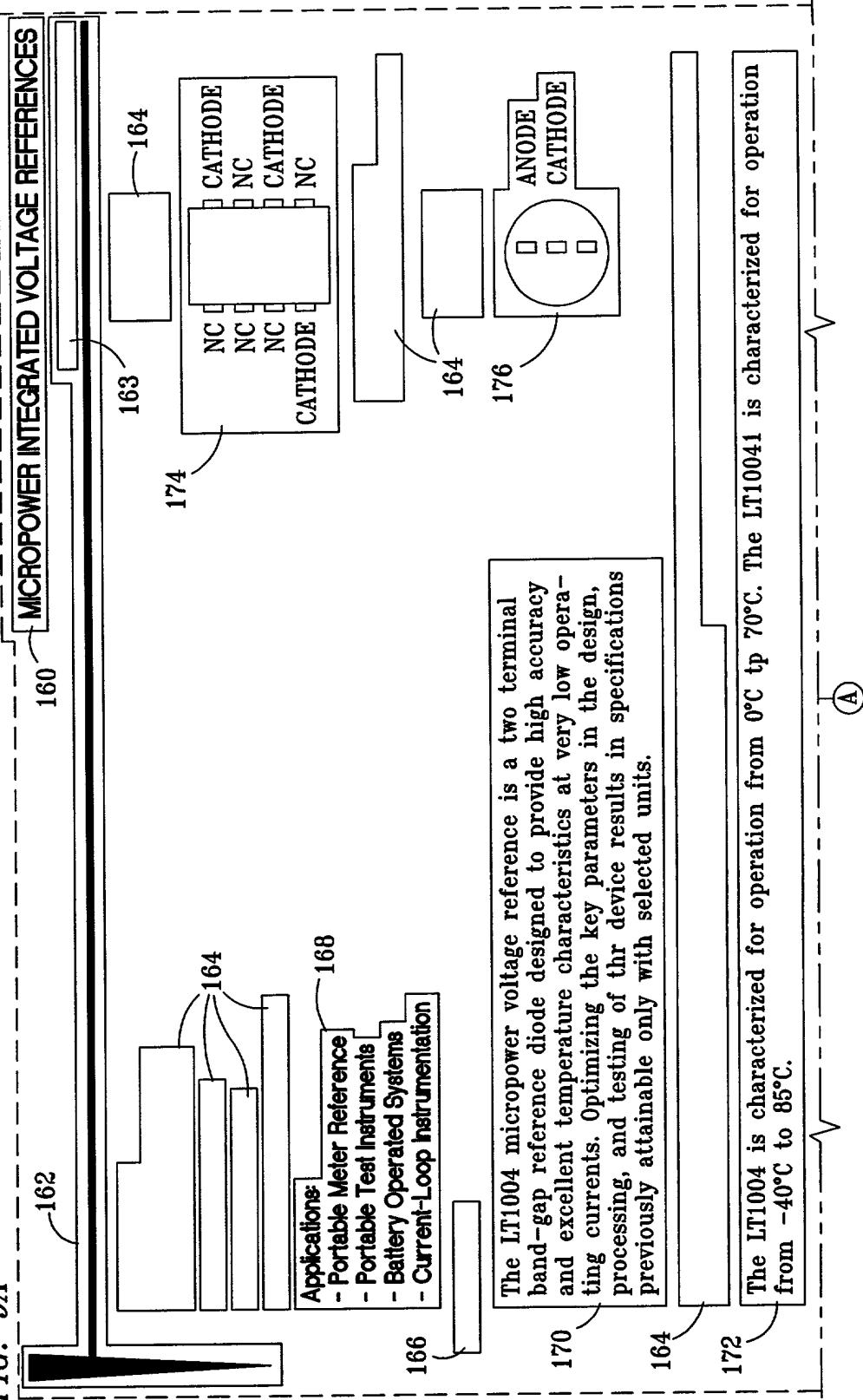
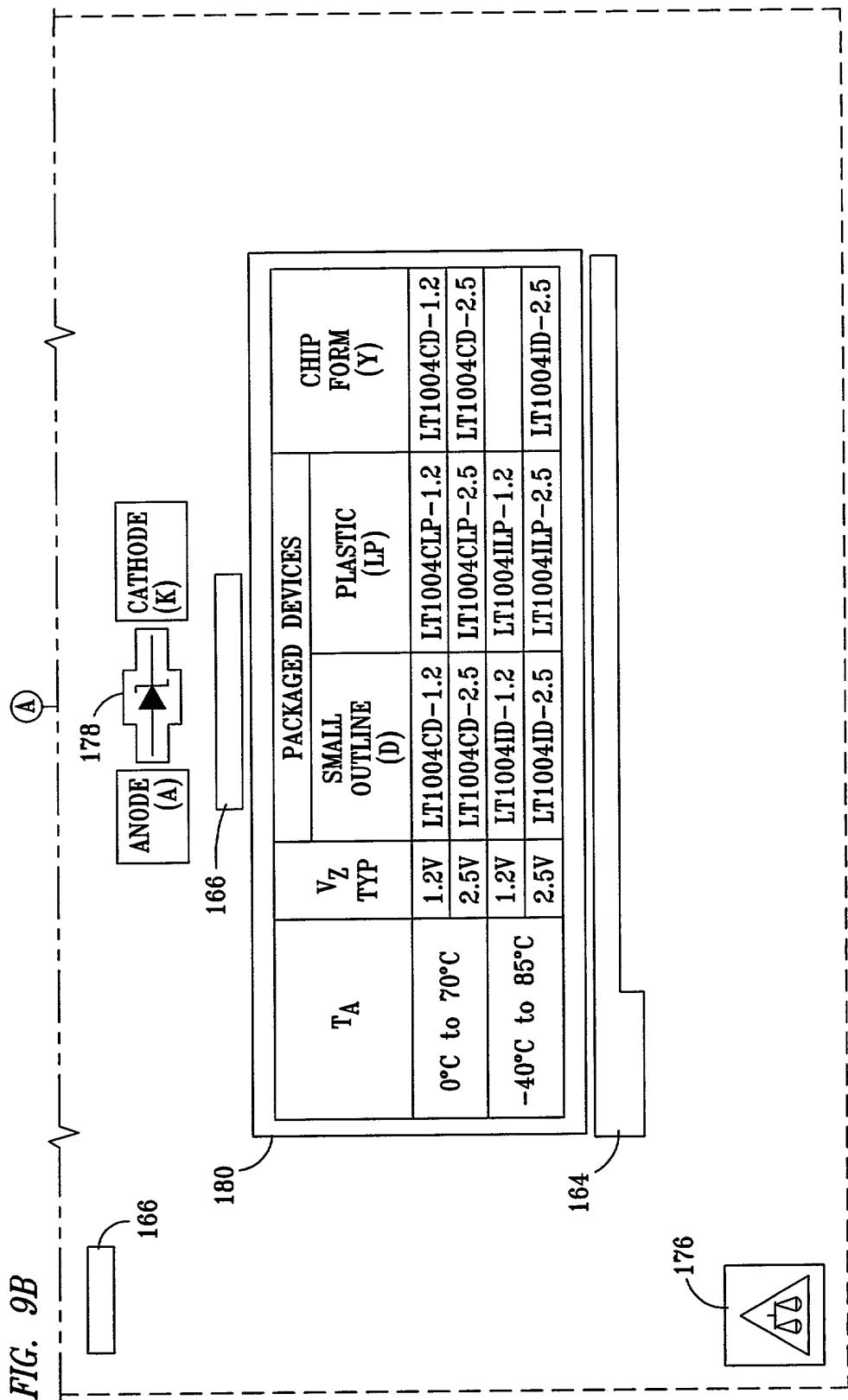


FIG. 9A

## • MICROPower INTEGRATED VOLTAGE REFERENCES



CHIP 1957000  
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CHIP 1957000  
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FIG. 10

T <sub>A</sub>	V <sub>Z</sub> TYP	PACKAGED DEVICES		CHIP FORM (Y)
		SMALL OUTLINE (D)	PLASTIC (LP)	
0°C to 70°C	1.2V	LT1004CD-1.2	LT1004CLP-1.2	LT1004CD-1.2
	2.5V	LT1004CD-2.5	LT1004CLP-2.5	LT1004CD-2.5
-40°C to 85°C	1.2V	LT1004ID-1.2	LT1004ILP-1.2	
	2.5V	LT1004ID-2.5	LT1004ILP-2.5	LT1004ID-2.5

FIG. 11

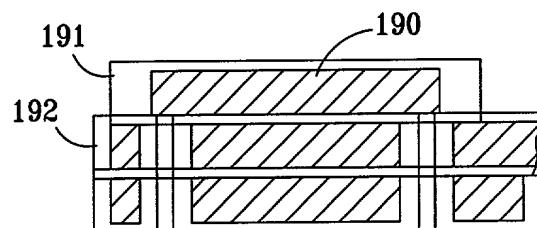


FIG. 12

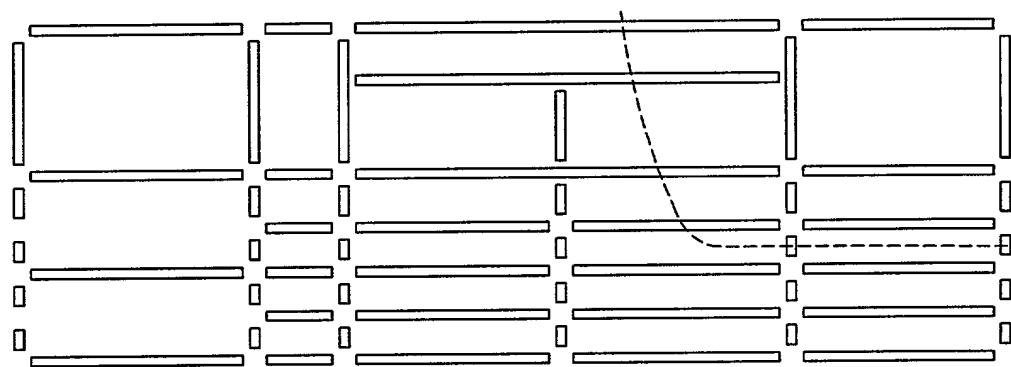


FIG. 13

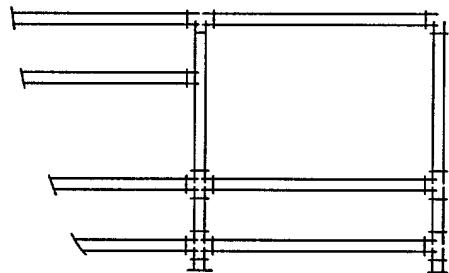


FIG. 14

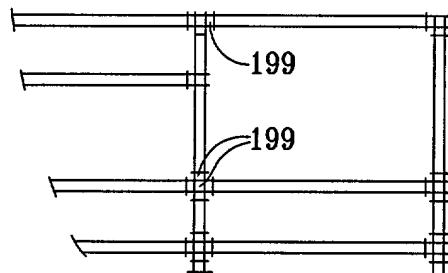


FIG. 15

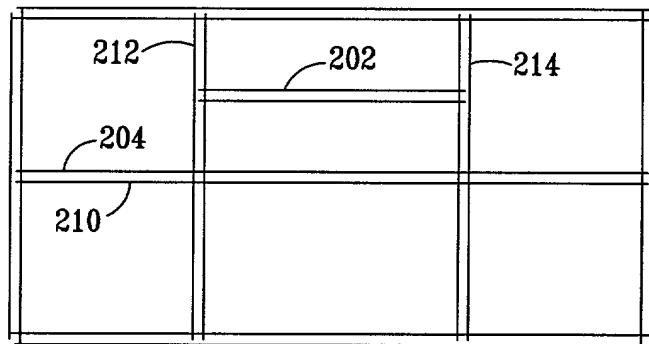


FIG. 16

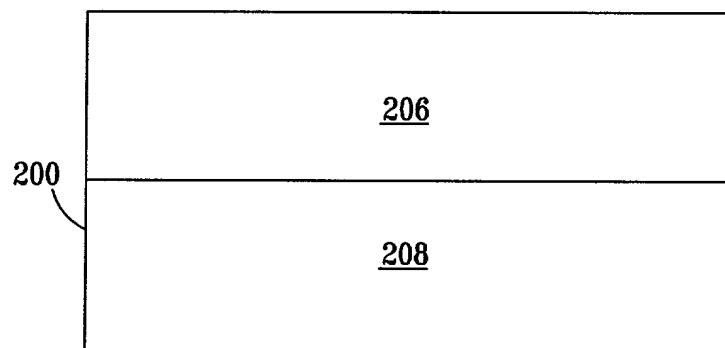


FIG. 17

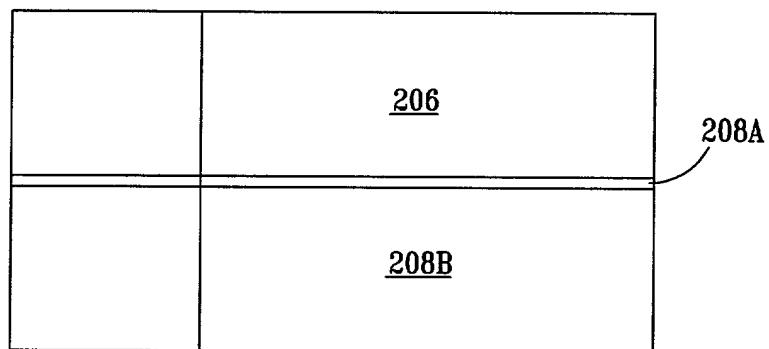


FIG. 18

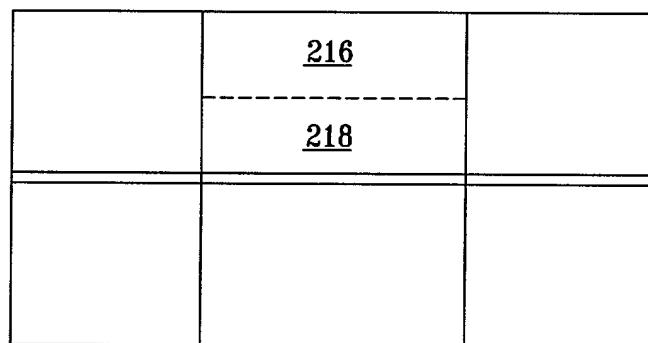


FIG. 19

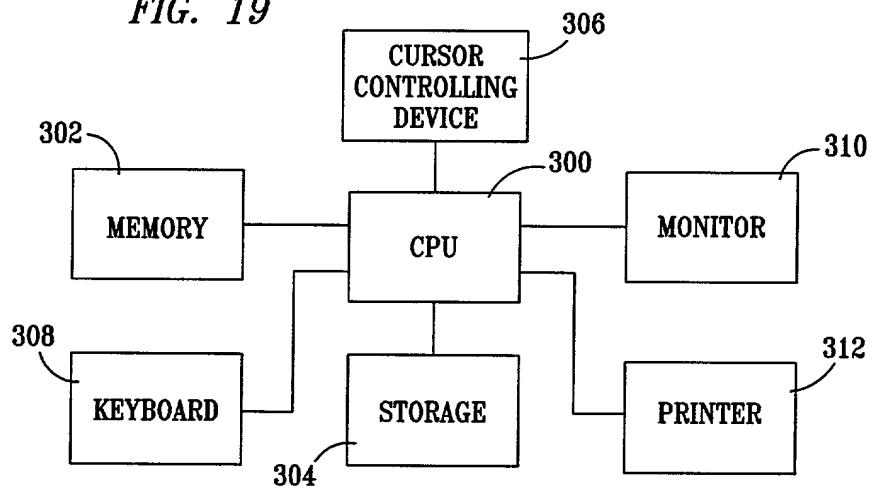


FIG. 20

From block 156  
Fig. 7

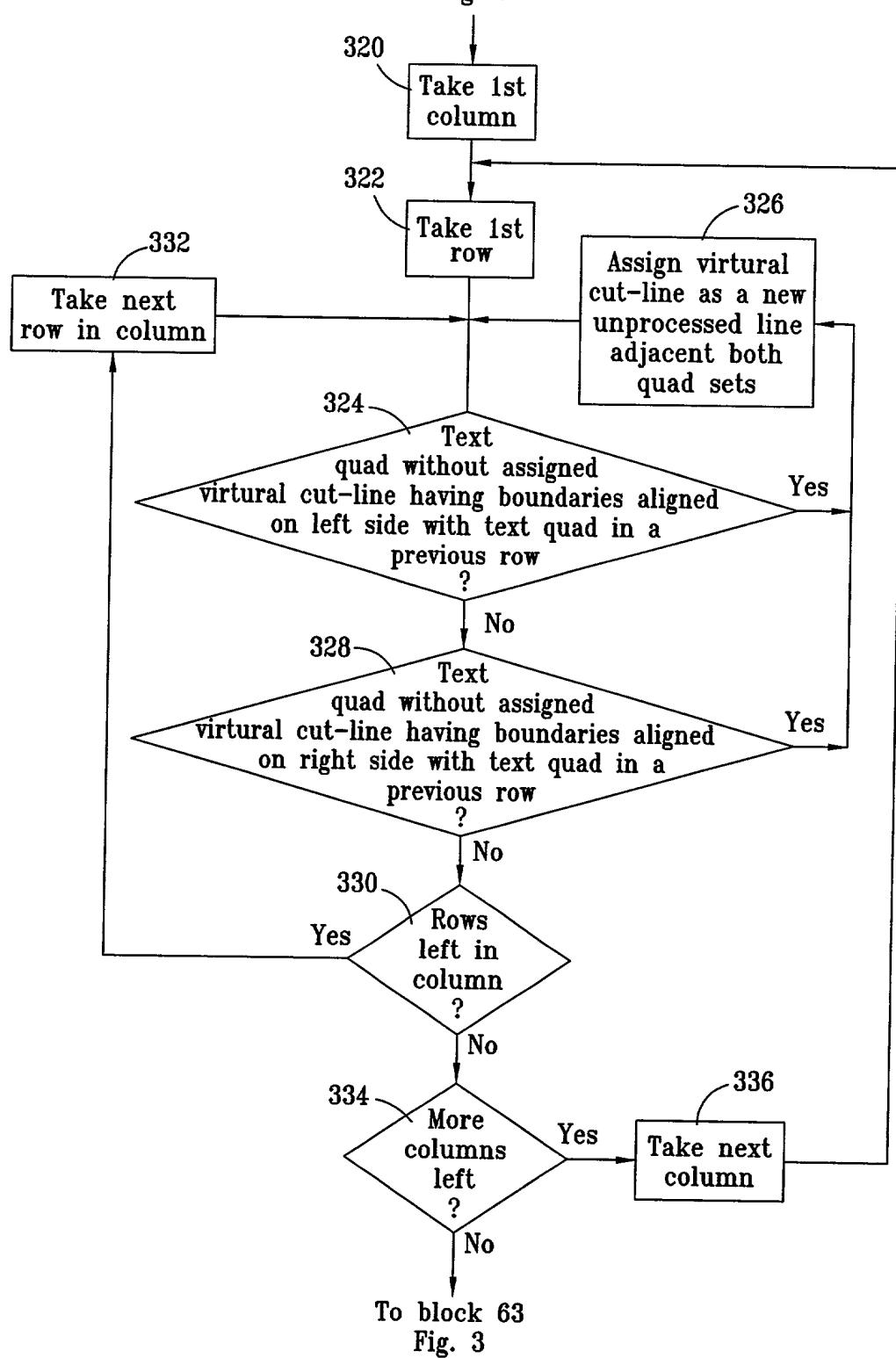


FIG. 21

PARAMETER	TEST CONDITIONS	LT1004Y-1.2		LT1004Y-2.5		UNIT
		MIN	TYP	MIN	TYP	
$V_Z$	Reference voltage	1.231	1.235	1.239	2.48	2.5
$a_{V_Z}$	Average temperature coefficient of reference voltage †	352	20	354	20	ppm/°C
$\Delta V_Z / \Delta t$	Long-term change in reference voltage	100 mA	20	20	20	ppm/khr
$I_Z$ (min)	Minimum reference current		8	12	12	uA

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